

FIG.1

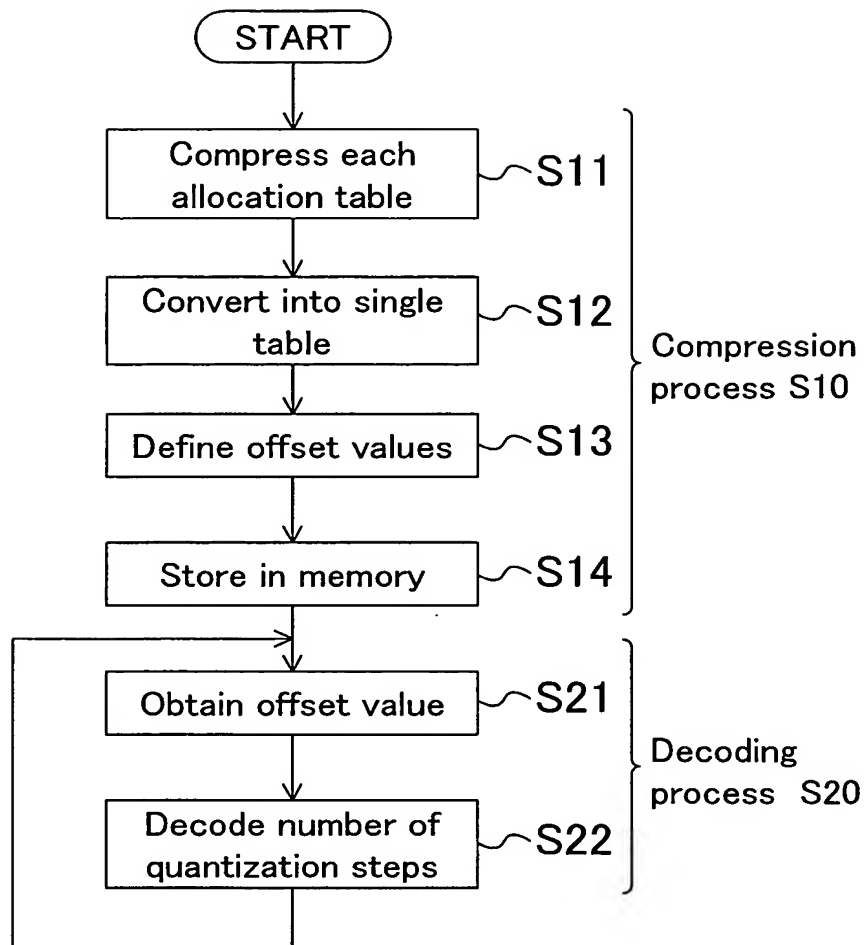


FIG.2

Table B.2a -- Possible quantization per subband

Fs = 48 kHz **Bit rates per channel = 56, 64, 80, 96, 112, 128, 160, 192 kbits/s, and free format**

F_s = 44.1 kHz Bit rates per channel = 56, 64, 80 kbits/s

$F_s = 32 \text{ kHz}$ Bit rates per channel = 56, 64, 80 kbits/s

sblimit = 27 Sum of nbal = 88

index

[illegible]

FIG.3

Table B.2b -- Possible quantization per subband

Fs = 48 kHz ----- not relevant -----
 Fs = 44.1 kHz Bitrates per channel = 96, 112, 128, 160, 192 kbits/s and free format
 Fs = 32 kHz Bitrates per channel = 96, 112, 128, 160, 192 kbits/s and free format

 sblimit = 30 Sum of nbal = 94

[illegible]

Fs = 48 kHz	Bitrates per channel = 32, 48 kbits/s
Fs = 44.1 kHz	Bitrates per channel = 32, 48 kbits/s
Fs = 32 kHz	----- not relevant -----

sblimit = 8 Sum of nbal = 26

index

[illegible]

sblimit = 12 Sum of nbal = 38

index

[illegible]

FIG.6

Sampling frequencies 16; 22.05; 24kHz

sblimit = 30 Sum of nbal = 75

index

[illegible]

FIG.7

Pattern	nbal	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	4	-	3	7	15	31	63	127	255	511	1023	2047	4095	8191	16383	32767	65535
B	4	-	3	5	7	9	15	31	63	127	255	511	1023	2047	4095	8191	65535
C	3	-	3	5	7	9	15	31	65535								
D	2	-	3	5	65535												

Pattern A= SB0 ~SB2
Pattern B= SB3 ~SB10
Pattern C= SB11 ~SB22
Pattern D= SB23 ~SB26

FIG.8

Pattern	nbal	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	4	-	3	7	15	31	63	127	255	511	1023	2047	4095	8191	16383	32767	65535
B	4	-	3	5	7	9	15	31	63	127	255	511	1023	2047	4095	8191	65535
C	3	-	3	5	7	9	15	31	65535								
D	2	-	3	5	65535												

Pattern A= SB0 ~SB2
Pattern B= SB3 ~SB10
Pattern C= SB11 ~SB22
Pattern D= SB23 ~SB29

FIG.9

Pattern	nbal	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
E	4	-	3	5	9	15	31	63	127	255	511	1023	2047	4095	8191	16383	32767
F	3	-	3	5	9	15	31	63	127								

Pattern E= SB0 ~SB1
Pattern F= SB2 ~SB7

FIG. 10

Pattern	nbal	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
E	4	-	3	5	9	15	31	63	127	255	511	1023	2047	4095	8191	16383	32767
F	3	-	3	5	9	15	31	63	127								

Pattern E = SB0 ~SB1
Pattern F = SB2 ~SB11

FIG. 11

[illegible]

Pattern G = SB0 ~SB3
Pattern F = SB4 ~SB10
Pattern H = SB11~SB29

FIG. 12

[illegible]

FIG.13

	0	1	3	2	4	5	6	7	8
Number of steps	3	5	7	9	15	31	63	127	255
	9	10	11	12	13	14	15	16	
Number of steps	511	1023	2047	4095	8191	16383	32767	65535	

FIG.14

Pattern	nbal	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	4	-	0	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	4	-	0	1	3	2	4	5	6	7	8	9	10	11	12	13	16
C	3	-	0	1	3	2	4	5	16								
D	2	-	0	1	16												
E	4	-	0	1	2	4	5	6	7	8	9	10	11	12	13	14	15
F	3	-	0	1	2	4	5	6	7								
G	4	-	0	1	3	2	4	5	6	7	8	9	10	11	12	13	14
H	2	-	0	1	2												

FIG.15

	Table B.2a	TableB.2b	TableB.2c	TableB.2d	for LSF
Pattern A	SB0~SB2	SB0~SB2			
Pattern B	SB3~SB10	SB3~SB10			
Pattern C	SB11~SB22	SB11~SB22			
Pattern D	SB23~SB26	SB23~SB29			
Pattern E			SB0~SB1	SB0~SB1	
Pattern F			SB2~SB7	SB2~SB11	SB4~SB10
Pattern G					SB0~SB3
Pattern H					SB11~SB29

FIG.16

```

/*-----*/
/* Allocation data table */
/*-----*/
const UINT8 TBL_L2_Alloc[88] = {
    /* nbal */      /* allocation */
    4, 0, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 /* PatternA */
    4, 0, 1, 3, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16 /* PatternB */
    3, 0, 1, 3, 2, 4, 5, 16, , , , , , , , , , , , , /* PatternC */
    2, 0, 1, 16, , , , , , , , , , , , , , , , , , /* PatternD */
    4, 0, 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 /* PatternE */
    3, 0, 1, 2, 4, 5, 6, 7, , , , , , , , , , , , , /* PatternF */
    4, 0, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 14 /* PatternG */
    2, 0, 1, 2, , , , , , , , , , , , , , , , , , /* PatternH */
}

```

Offset values are:

PatternA=0, PatternB=16, PatternC=32, PatternD=40,
 PatternE=44, PatternF=60, PatternG=68, PatternH=84

nbal can be obtained by TBL_Alloc[offset value]

allocation can be obtained by TBL_Alloc[offset value + allocation data value]

FIG.17

```

/*-----*/
/* Offset of allocation data table */
/*-----*/
const UINT8 TBL_L2_AllocOffset_ab[30] = {
    /* Table B.2a */ /* A, A, A, B, B, B, B, B, B, B, C, C, C, C, C, C, C, C, C, C, D, D, D, D */
    /* Table B.2b */ /* A, A, A, B, B, B, B, B, B, B, C, C, C, C, C, C, C, C, C, C, D, D, D, D, D, D */
    0,0,0,16,16,16,16,16,16,16,32,32,32,32,32,32,32,32,32,32,40,40,40,40,40,40,40
}
const UINT8 TBL_L2_AllocOffset_cd[12] = {
    /* Table B.2c */ /* E, E, F, F, F, F, F, F */
    /* Table B.2d */ /* E, E, F, F, F, F, F, F, F, F, F, F */
    44,44,60,60,60,60,60,60,60,60,60,60
}
const UINT8 TBL_L2_AllocOffset_LSF[30] = {
    /* G, G, G, F, F, F, F, F, F, F, H, H, H, H, H, H, H, H, H, H, H, H, H, H, H, H */
    68,68,68,68,60,60,60,60,60,60,60,60,60,84,84,84,84,84,84,84,84,84,84,84,84,84,84
}

```

Offset values are:

PatternA=0, PatternB=16, PatternC=32, PatternD=40,
 PatternE=44, PatternF=60, PatternG=68, PatternH=84